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The multilayer **Perceptron** structure was tested with **gene expression** data. ... Units were trained to 10000 epochs or until **classification accuracy** of the ... Average training time for ASSOM systems classifying **multiple** functional classes ...

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may have minimal impact on **classification accuracy**, where only changes between two groups, .... settings are used for the **multiple-perceptron** majority-vote classifier. .... and J. M. Trent, "Ratio statistics of **gene expression** levels ...




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
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Therefore two requirements (diversity and **accuracy**) for the ensembles to be ..... Cho,  
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In this study 4 out of 6 subjects showed a **classification accuracy** of 89-100%. ... Using  
NeuroSolutions, this project can be used to illustrate **multiple** regression techniques ... view  
the demo called "Multi-Layer **Perceptron**, Basic" in the Help menu. ... Neural networks and  
temporal **gene expression** data - A Krishna, ...




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**Gene expression** profiling predicts a three-**gene expression** signature of .... The resulting  
cross-validated average **classification accuracy** was 97.1%. .... whereas multi-layer  
**perceptrons** use all genes as input, and consequently the .... test with a significance  
threshold of 0.05 and correction for **multiple** testing. ...

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